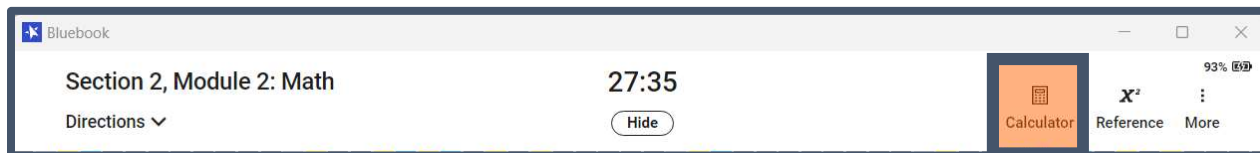


Math: Desmos Calculator

Click on the Calculator icon in the top right corner of any Digital SAT Math question to launch Desmos. The calculator will appear on the left side of the question.



Desmos Calculator Overview

Collapsed View (*Expression List below graph*)

Move calculator to another place on page

Make calculator larger (see next page)

Additional graph settings (text size, x- and y-axis ranges radians vs. degrees, etc.)

Zoom in and out on graph

Hide expression list to give full attention to the graph

Click to show options to delete or duplicate expressions, undo or redo (can also use *ctrl+z/ctrl+y*), change color, or convert to table

Add a new expression or table

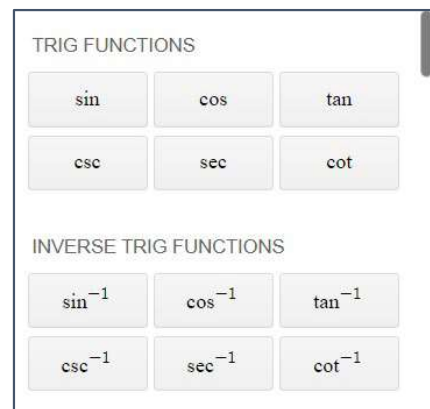
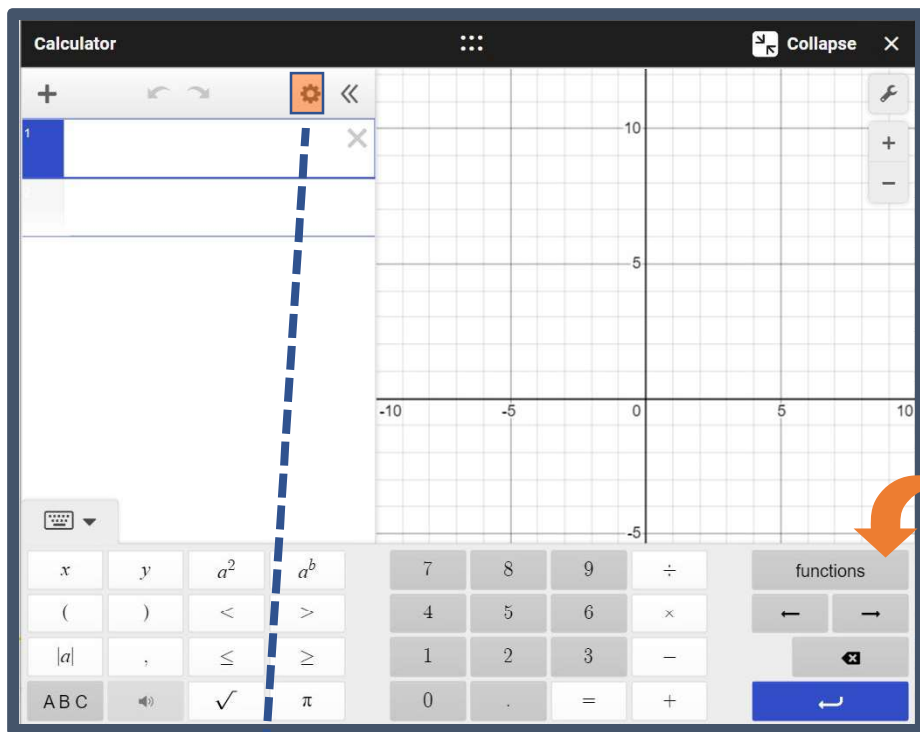
Expression list
To create a new graph or do a new calculation, just type your expression in a row

The diagram shows the Desmos Calculator interface in its collapsed view. It features a graphing area at the top with a grid and axes. Below the graph is an expression list with a single row highlighted in blue. At the bottom is a calculator keypad with various mathematical symbols and numbers. Several callout boxes with orange arrows point to specific features: a box at the top left points to the calculator's title bar; a box at the top right points to the "Expand" button; a box on the right side points to the gear icon for graph settings; a box below it points to the zoom in (+) and zoom out (-) buttons; a box below that points to the double arrow icon for hiding the expression list; a box at the bottom right points to the delete (X) and duplicate (two arrows) icons; a box on the left side points to the plus (+) icon for adding a new expression; and a box at the bottom left points to the first row of the expression list.

Math: Desmos Calculator

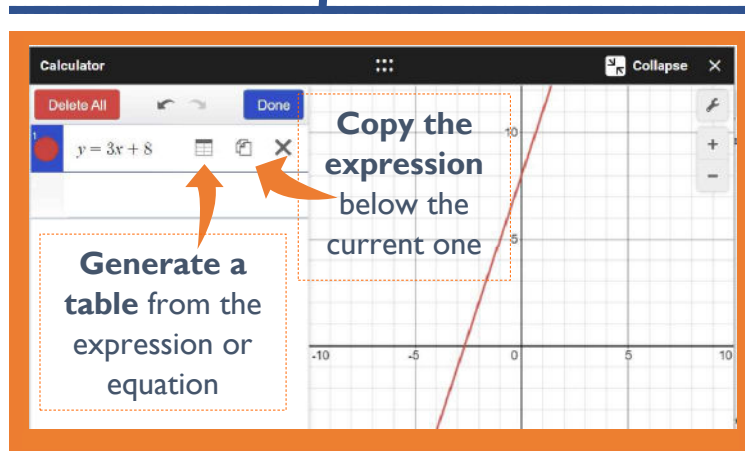
Desmos Calculator Overview

Expanded View (with Expression List on the left and keyboard below)



Available functions:

- Trig and inverse trig functions
- Statistics such as mean, median, standard deviation, min and max
- Histogram, dot plot, and box plot visuals
- Distributions
- Calculus operations such as logarithms and derivatives
- Geometry calculations like midpoint, distance, and even drawing a polygon!
- GCD and LCM, permutations, and combinations



Keyboard Shortcuts

- Exponent: ^ (shift+6)
- Subscript: _ (shift+ -)
- Undo: ctrl + z
- Redo: ctrl + y
- New expression: Press "enter"
- Move up/down/left/right: Arrow keys
- Delete an expression: Press "delete"

See more at <https://www.desmos.com/graphingshortcuts>